

INFORMATION DISCLOSURE CITATION PTO-1449	ATTY. DOCKET NO. A-66732-3/RMA	SERIAL NO. 09/370,362
	APPLICANT Kamilo Feher	
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
SL	3,944,926	16 Mar 76	Feher	325	38R	12/6/74
	4,103,234	25 Jul 78	Frazier Jr.	325	38A	2/2/71
	4,339,724	13 Jul 82	Feher	328	164	2/8/80
	4,350,879	21 Sep 82	Feher	235	92	10/29/79
	4,403,331	6 Sep 83	Halpern et al.	375	37	5/1/81
	4,517,679	14 May 85	Clark et al.	375	37	3/7/83
	4,530,088	16 Jul 85	Hamstra et al.	370	110.1	2/15/84
	4,567,602	28 Jan 86	Kato et al.	375	60	6/13/83
	4,644,565	17 Feb 87	Seo et al.	375	60	6/12/84
	4,720,839	19 Jan 88	Feher et al.	375	18	12/2/86
	4,730,344	8 Mar 88	Saha	375	53	3/19/87
	5,327,455	5 Jul 94	DeGaudenzi et al.	375	1	8/28/92
	5,365,547	15 Nov 94	Marinero	375	37	7/16/92
	5,491,457	13 Feb 96	Feher	332	103	1/9/95
	5,719,899	17 Feb 98	Thielecke et al.	375	206	2/23/95
	5,729,570	17 Mar 98	Magill	375	206	12/8/94
	5,732,114	24 Mar 98	Thebault et al.	375	368	11/2/95
	5,784,402	21 Jul 98	Feher	375	200	2/12/96
SL	5,790,588	4 Aug 98	Fukawa et al.	375	200	6/4/96

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
SL	1,130,871	1982/8	Canada	-	-		
SL	1,211,517	1986/9	Canada	-	-		
SL	1,265,851	1990/2	Canada	-	-		

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
✓	1.	Feher, K.: <i>Wireless Digital Communications: Modulation Spread Spectrum</i> . Prentice Hall, 1995.			
	2.	Feher, K.: <i>Digital Communications: Satellite/Earth Station Engineering</i> . Prentice Hall, 1983. Available from Crestone Engineering -Noble Publishing, 2245 Dillard Street, Tucker, Georgia 30084.			
	3.	Feher, K.: <i>Advanced Digital Communications: Systems and Signal Processing</i> . Prentice Hall, 1987. Available from Crestone Engineering -Noble Publishing, 2245 Dillard Street, Tucker, Georgia 30084.			
	4.	Feher, K.: <i>Digital Communications: Microwave Applications</i> . Prentice Hall 1981. Since 1997 available from Crestone Engineering -Noble Publishing, 2245 Dillard Street, Tucker, Georgia 30084.			
	5.	Feher, K. and Engineers of Hewlett-Packard: <i>Telecommunications Measurements, Analysis, and Instrumentation</i> . Prentice Hall 1987. Since 1997 reprints have been available from Crestone Engineering -Noble Publishing, 2245 Dillard Street, Tucker, Georgia 30084.			
	6.	Feher, K., Emmenegger, H.: "FQPSK Use for Electronic News Gathering (ENG), Telemetry, and Broadcasting," <i>Proc. of the National Association of Broadcasters NAB'99 Broadcast Engineering Conference</i> , Las Vegas, April 19-22, 1999.			
	7.	Feher, K.: "FQPSK Doubles Spectral Efficiency of Operational Systems: Advances, Applications, Laboratory and Initial Air-to-Ground Flight Tests" (Date of Submission: August 14, 1998). <i>Proc. of the International Telemetry Conference, ITC-98 ITC/USA 98</i> , San Diego, CA, October 26-29, 1998.			
	8.	W. Gao, S.H. Wang, K. Feher: "Blind Equalization for FQPSK and FQAM Systems in Multipath Frequency Selective Fading Channels," <i>Proc. Internat. Telemetry Conf. ITC/USA'99</i> , Oct. 25-28, 1999, Las Vegas, NV.			
	9.	Terziev, G., Feher, K.: "Adaptive Fast Blind Feher Equalizers (FE) for FQPSK," <i>Proc. Of the International Telemetry Conference ITC/USA'99</i> , October 25-28, 1999, Las Vegas, Nevada.			
	10.	Feher, K.: "FQPSK Transceivers Double the Spectral Efficiency of Wireless and Telemetry Systems" <i>Applied Microwave & Wireless Journal</i> , June 1998.			
	11.	Seo, J-S. and K. Feher: "Bandwidth Compressive 16-State SQAM Modems through Saturated Amplifiers," <i>IEEE Radio Commun., ICC '86</i> , Toronto, June 1986.			
	12.	Kato, S. and K. Feher: "XPSK: A new cross-correlated PSK," <i>IEEE Trans. Com.</i> , May 1983.			
	13.	Law, E.L., U.S. Navy: "Robust Bandwidth Efficient Modulation" <i>European Telemetry Conference, ETC-98</i> , Germany, May 1998.			
	14.	Feher, K.: "FQPSK Doubles the Spectral Efficiency . of Operational Telemetry Systems," <i>European Telemetry Conference, ETC-98</i> , May 1998, Germany.			
	15.	Do, G. and K. Feher: "FQPSK-GMSK: Wireless System Tests an ACI Environment," <i>Proc. of Wireless Symposium</i> , Santa Clara, CA, Feb. 9-13, 1998.			
	16.	Law, E. and K. Feher: "FQPSK versus PCM/FM for Aeronautical Telemetry Applications: Spectral Occupancy and Bit Error Probability Comparisons" <i>Proc. of ITC-97</i> , Las Vegas, October 1997.			
	17.	Feher, K "FQPSK Doubles Spectral Efficiency of Telemetry: Advances and Initial Air to Ground Flight Tests," ITC/USA 98, <i>Proc. of the Internat. Telemetry Conference</i> , San Diego, October 1998.			
	18.	Law, E. and K. Feher: "FQPSK versus PCM/FM for Aeronautical Telemetry Applications; Spectral Occupancy and Bit Error Probability Comparisons," <i>Proc. of the Internat. Telemetry Conf.</i> , Las Vegas, Nevada, October 27-30, 1997.			
	19.	Martin, W.L., T-Y. Yan, L.V. Lam: "Efficient Modulation Study at NASA/JPL," <i>Proc. of the Tracking, Telemetry & Command Systems Conference</i> , European Space Agency (ESA), June 1998.			
	20.	Law, E.L., ITC-98 Session Chair: "RCC Alternate Standards and IRIG106 update," Briefings by DoD during ITC/USA 98 <i>Internat. Telemetry Conference</i> , San Diego, October 1998.			
	21.	K. Feher: "FQPSK Doubles Spectral Efficiency of Operational Systems: Advances, Applications, Laboratory and Initial Air to Ground Flight Tests", File: ITC.98.Final Paper. Rev. 5. Aug.14. 98 (Date of Submission) for publication in the <i>Proc. of the International Telemetry Conference</i> , ITC-98; San Diego, October 26-29, 1998			
	22.	Simon, M.K, Yan, T.Y. "Performance Evaluation and Interpretation of Unfiltered Feher-Patented Quadrature Phase-Shift Keying (FQPSK)," California Institute of Technology, JPL-NASA publication, <i>TMD Progress Report 42-137</i> , Pasadena, CA, May 15, 1999.			
✓	23.	Winters, J.H. : "Adaptive Antenna Arrays for Wireless Systems," <i>Tutorial Notes presented/distributed at the 1999 IEEE Vehicular Technology Conference</i> , Houston, TX, May 16, 1999.			
EXAMINER		Shirley Liu		DATE CONSIDERED 11/6/03	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.